

INTERNATIONAL SEARCH REPORT

International application No

JP2005/022991

A. CLASSIFICATION OF SUBJECT MATTER

F04B39/02 F25B31/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

F04B F25B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 542 266 A (SUZUKI ET AL) 6 August 1996 (1996-08-06) column 2, lines 17-19 claim 4	1, 3, 5, 7-9 4, 6
X	PATENT ABSTRACTS OF JAPAN vol. 018, no. 533 (C-1259), 11 October 1994 (1994-10-11) & JP 06 184576 A (NISHI NIPPON TSUSHO KK), 5 July 1994 (1994-07-05) abstract	1
X	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 09, 4 September 2002 (2002-09-04) & JP 2002 156165 A (HITACHI LTD), 31 May 2002 (2002-05-31) abstract	1



Further documents are listed in the continuation of Box C.



See patent family annex.

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Date of the actual completion of the international search

28 February 2006

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	US 5 108 634 A (SEIKI ET AL) 28 April 1992 (1992-04-28) abstract column 4, lines 13-27 -----	4
Y	EP 0 846 749 A (SANYO ELECTRIC CO. LTD) 10 June 1998 (1998-06-10) page 7, lines 3, 36-39 -----	6
A	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 13, 30 November 1998 (1998-11-30) & JP 10 204458 A (MATSUSHITA REFRIG CO LTD), 4 August 1998 (1998-08-04) abstract -----	
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A	EP 1 225 334 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) 24 July 2002 (2002-07-24) the whole document -----	
A	WO 2004/057187 A (LG ELECTRONICS INC; KWON, GI-BONG; JUNG, WON-HYUN; LEE, SU-WON; LEE, D) 8 July 2004 (2004-07-08) page 6, lines 16-18 -----	
A	US 5 704 216 A (HIRANO ET AL) 6 January 1998 (1998-01-06) column 8, lines 3-10 -----	

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Information on patent family members

International application No

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